

## ABSTRACT OF THE DISCLOSURE

A method and computer program product for verifying an incremental change to an integrated circuit design are described that include steps of: (a) receiving as input an integrated circuit design database; (b) receiving as input an engineering change order; (c) identifying and marking objects in the integrated circuit design database to indicate a current state of the integrated circuit design database; (d) applying the engineering change order to the integrated circuit design database; (e) analyzing the integrated circuit design database to generate a list of incremental changes to the integrated circuit design database resulting from the engineering change order; (f) identifying and marking objects in the integrated circuit design database included in the list of incremental changes to distinguish objects in the integrated circuit design database that were changed from the current state; and (g) streaming out the integrated circuit design database.